3.5” Mobile LAN Disk User Guide

- **A new, unformatted HDD must be initialized before LAN operation.**
- **Via LAN connection, format HDD under administrator’s user interface before use**
- **Refer to Nettool Quick Installation Guide to fast access the LANdisk LAN setting**
- **By default, user interface administrator account: admin; password: root**
- **By default, SAMBA & FTP administrator account: admin; password: admin**

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1. Hardware Overview

1.1 Power

Receptor for the provided Power Adapter (12V DC, Maximum 2 Amps, 100-240V AC, 50-60Hz)

1.2 Ports

LAN Port	:	LAN connection.
USB Port	:	Connect your LANDisk to PC.

1.3 Reset Button

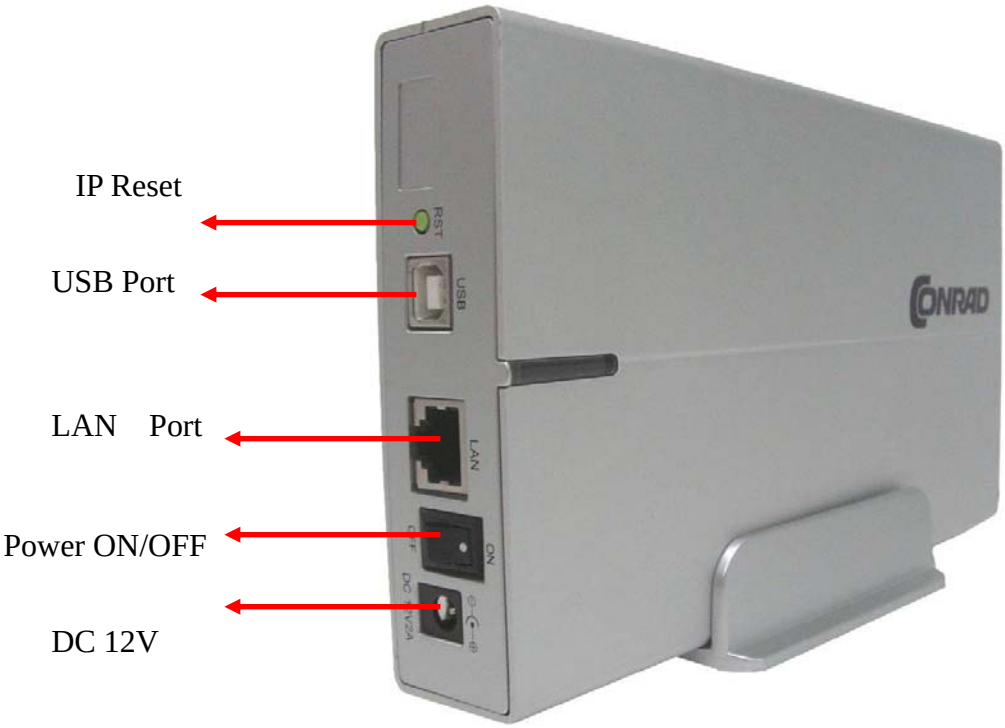
Reset button	**:**		- Reset the LANDisk to default IP.
		1 second	The Default IP will be 192.168.16.1. (excluding other setting)
		10 seconds	- Reset to factory default setting. (including IP)

1.4 LEDs

Power/Status LEDS	**:**	**Green**	– System ready
		Blue Blinking	– Booting & copying file (copy button pressed)

1.5 Structure

Front / Back View



2. Installation

2.1 Requirements

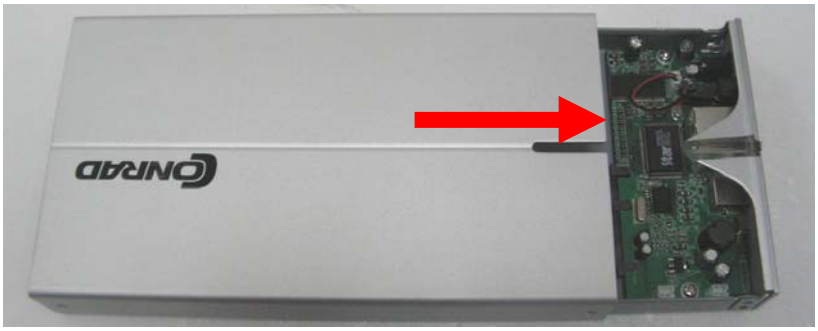
The following are required when using the LANDisk.

- TCP/IP Protocol must be installed in your PC.
- Connect LANDisk to a switch/hub port to connect your network.

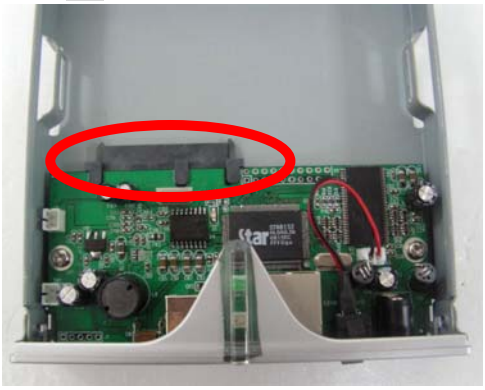
2.2 Hardware Installation

2.2.1 HDD Installation Guide

1 . Unscrew sides of the case, and pull out the metal tray.



2 . Connect the 3.5” HDD to the SATA Connector .



3. Screw the HDD to the metal tray tightly.

4 . Slide the metal tray into the case and fix the side screws.

2.2.2 LANdisk installation Guide

System setup should be followed as below

STEP 1： Connect LANDisk to a router via LAN

STEP 2： Connect the power to LANDisk .

STEP 3： Power on; Boot-up takes about 1 minute

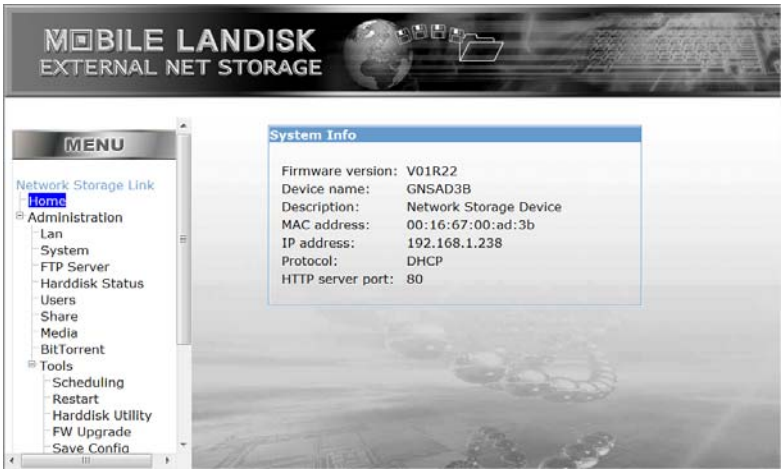
STEP 4： Follow Net Tool Quick Installation Guide to enter the administrator' interface

STEP 5： Format HDD via LAN. (Refer to 3.2.7.3 Hard disk Utility)

STEP 6： LANdisk is now ready for use

Important: If new HDD has not yet been initialized, connect LANdisk to PC via USB and initialize the HDD before carrying on above operation.

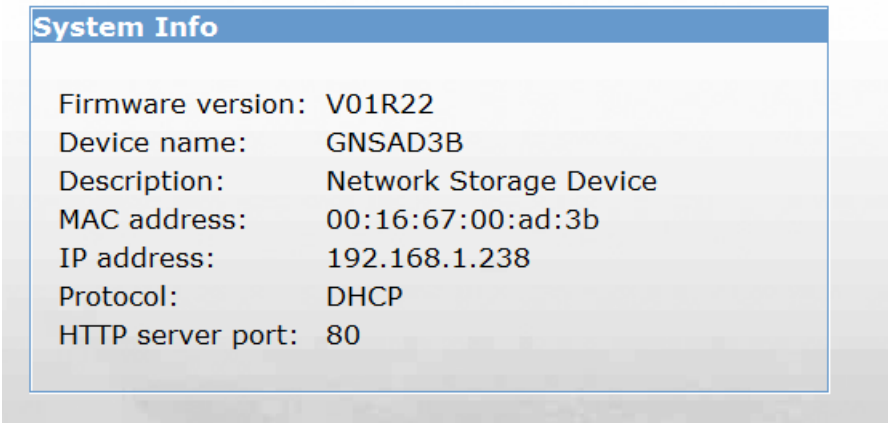
Web



Follow Net Tool Quick Installation Guide to enter administrator's interface

3.1 Home

The basic information of LANDisk will be shown here.



3.2 Administration

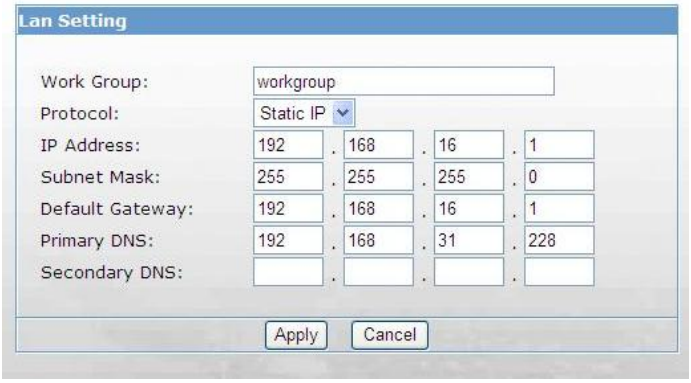
The username and password will be required when entering this section.

The default username is "**admin**" and password is "**root**".

3.2.1 LAN Settings

This section contains all LAN settings to configure the LANDisk to the network. Depending on how the network is set up, changes to this page may required. We can choose between **DHCP** and **Static IP** from the "**Protocol**"

Note: DHCP is recommended for first-time user



3.2.1.1 DHCP

Selecting this option enables the LANDisk to request an IP and auto-configure itself to the network if connected to DHCP Server(ie: router)

NOTE： If DHCP is enabled, but there is no DHCP server, the LAN Disk will fall back to the default IP address of **192.168.16.1**.

DHCP refers to "DHCP Client "

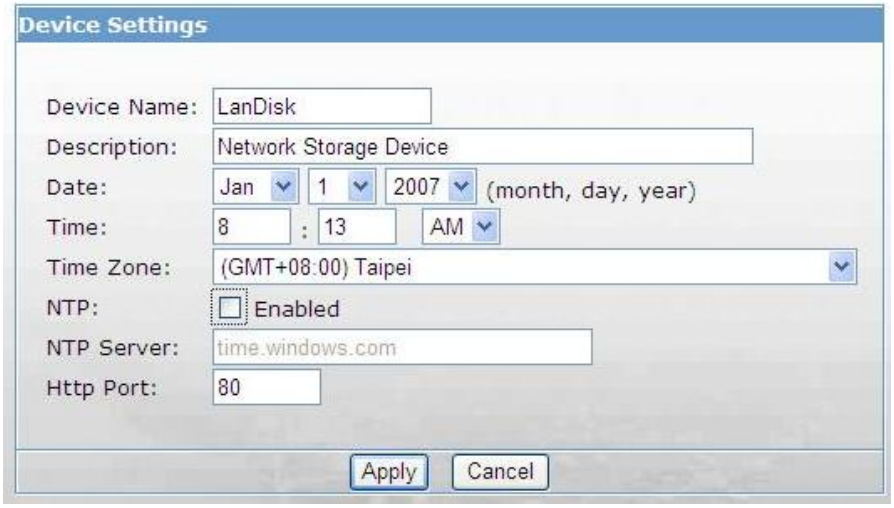
3.2.1.2 Static IP Click this option if there is no presence of DHCP Server in the network. Manual Input of network setting required

- IP Address – Enter the static IP address
- Subnet Mask – Enter the Subnet Mask address
- Default Gateway – Enter the Gateway IP address
- DNS1 and DNS2 (both optional) – If available, enter those IP addresses here

Contact your network administrator or ISP for additional help in configuring Static IP network settings.

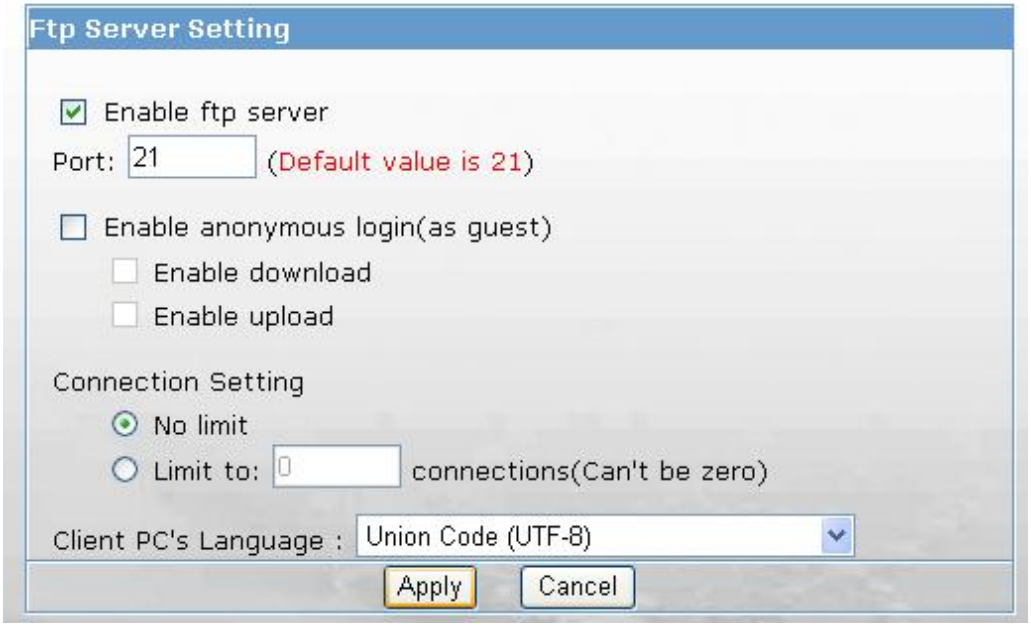
3.2.2 System

The basic settings of LANDisk can be set at here. Including “Device Name”, “Description”, “Date”, “Time Zone”, “Http Port” and the NTP, FTP server can be enabled or disabled here.



After the NTP option is enabled, you’ll need to enter a valid NTP server to make it work correctly; The server is “time.windows.com” by default. The system will automatically update date and time. (Date and time will become manually un-adjustable after NTP is enabled)

3.2.3 FTP Server



Enable FTP Server

Click to active FTP

Port : default port is set at 21

Enable Anonymous Login

Click enable will allow login without password requirement.

When enabled, administrator may set Read only or Read/Write

Note: Higher security risk

Connection Setting

Set max no. of users to access into LANdisk at the same time

No limit or limit to X no. of users

Note: maximum of 32 users is recommended

Client's PC language

Unicode

Simplified Chinese

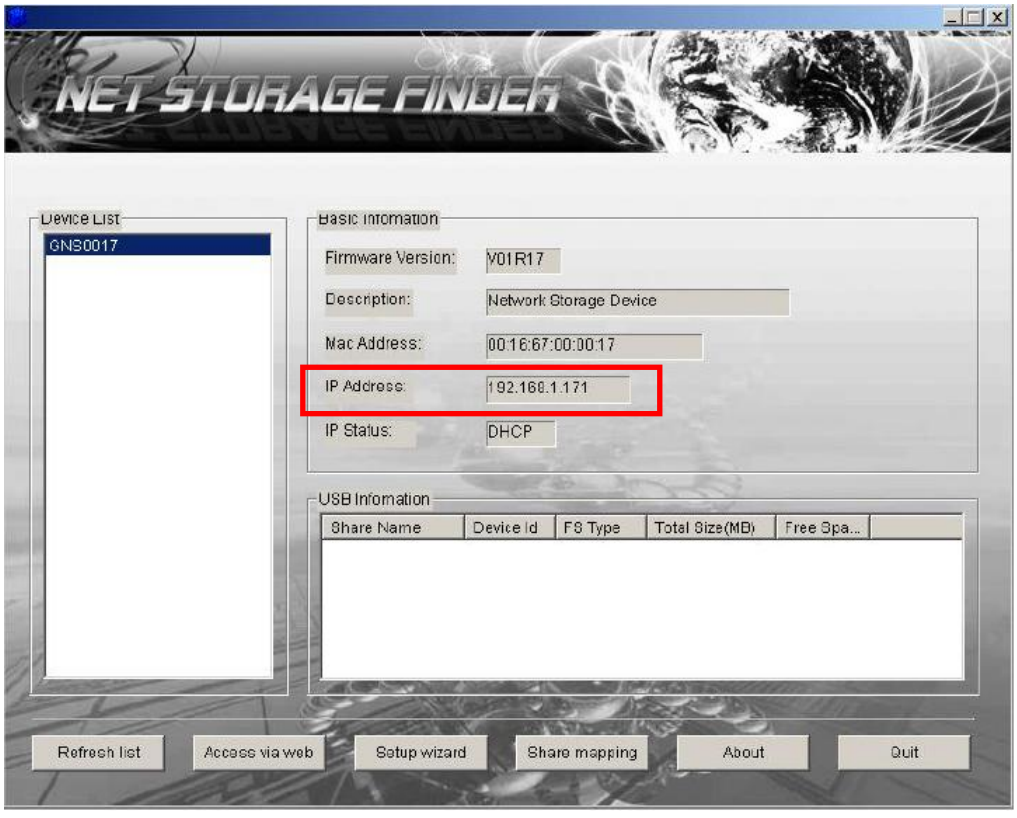
Traditional Chinese

Japanese

Note: Select the same language code as the OS to avoid file transfer error.

FTP and SAMBA access

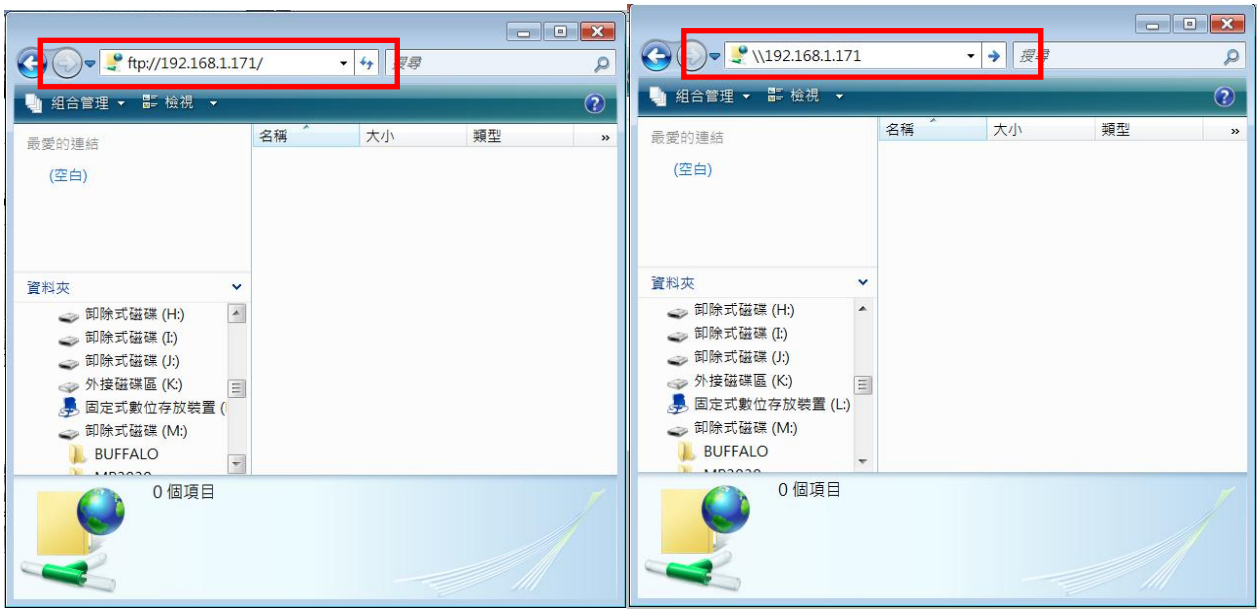
Step1: use Net tool software to detect the device and find IP address



Step 2: Take above IP address and follow below procedure

FTP access **ftp:// IP address**

SAMBA access **\\IP address**

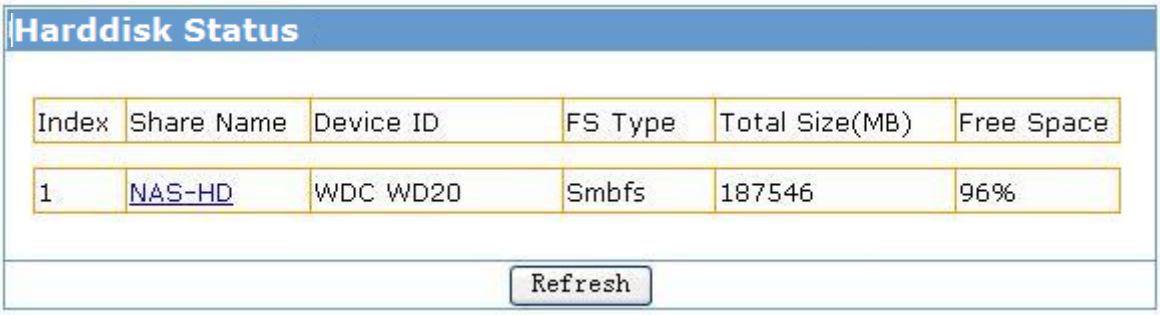


Step 3: type user name and password to enter. By default administrator's account is user name **"admin"**, password **"admin"**

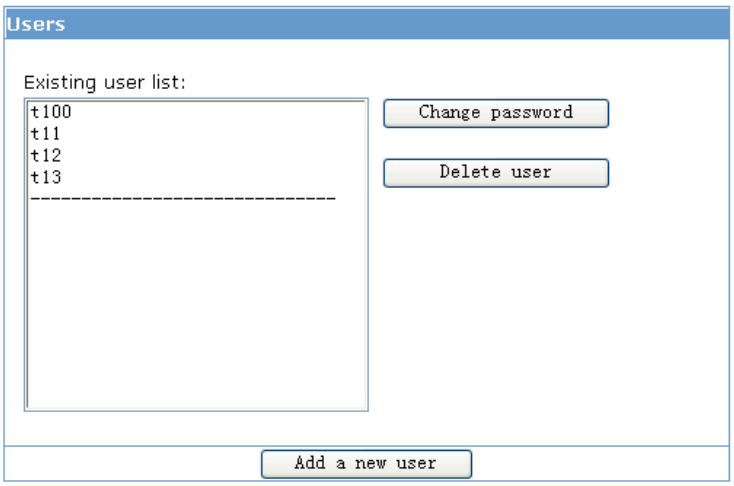
3.2.4 Harddisk Status

This section shows HDD information.

Note: A HDD **MUST** be in stalled and formatted before following operations are practiced

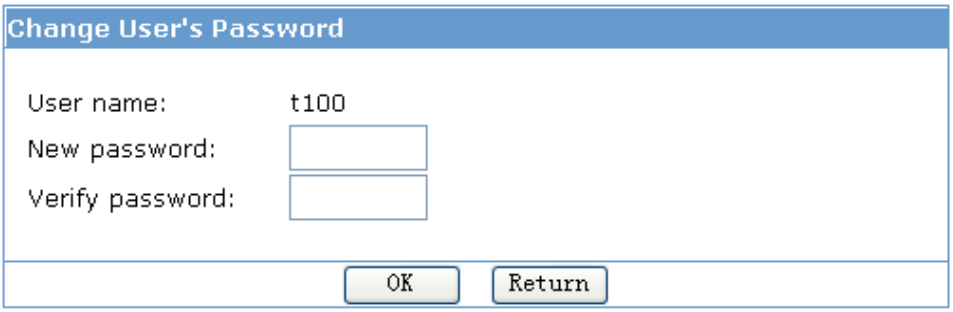


3.2.5 Users



Change Password: We can change the user's password from here (only works if user has been created).

Note: for SAMBA and FTP access, administrator's account & password is **"admin/admin"** and can be changed here



Delete User:

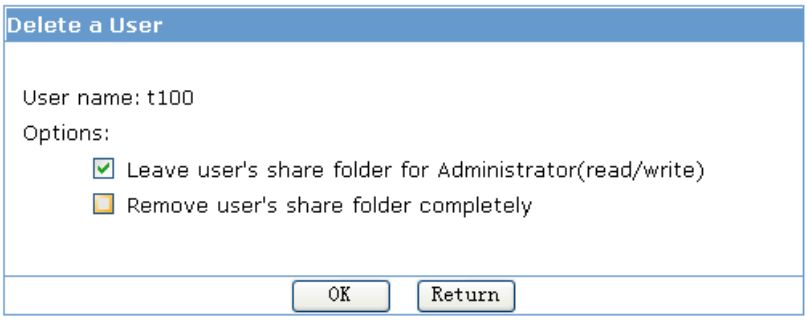
Administrator has options to choose when deleting a user account.

Leave user's share folder for Administrator (read/write)

- This option will move the user's files and folder into administrator's folder, and only read/writeable for administrator for backup purpose. (administrator's folder will be created automatically when LANdisk setup is complete).

Remove user's share folder completely

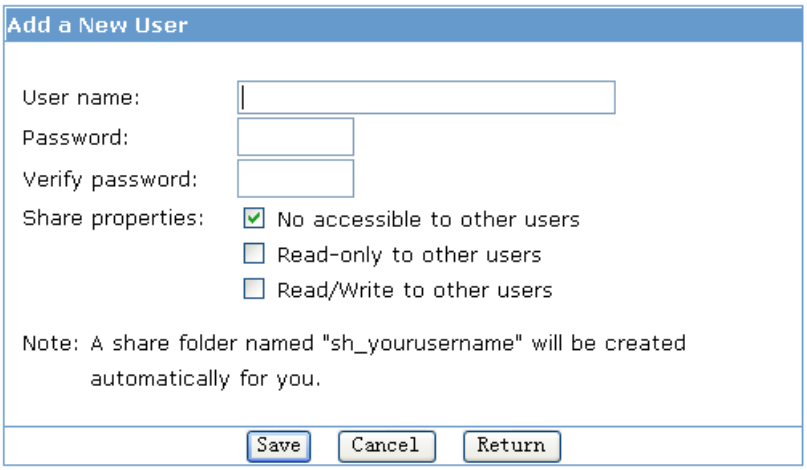
- This will remove all files and folders that are created in the account.



Add a new user: the users created here are for SAMBA and FTP access.
User right definition below is designed for SAMBA access.

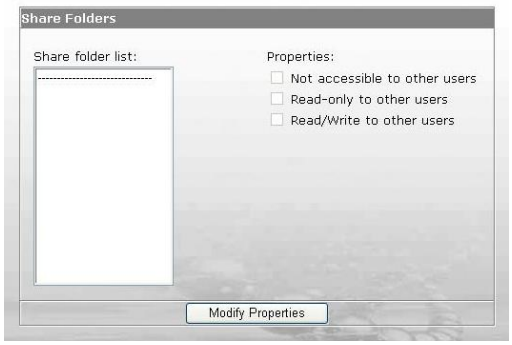
No accessible to other users：Only the user himself can access to the folder.
Read-only to other users：The other users can only read the folder.
Read/Write to other users：The other users can read and write files to the folder.

Click “Save” after you add the user, or “Cancel” to clear the information (username, password), or “Return” to back to the previous screen.



3.2.6 Share

Select the share folder list to change it after a user is added. If user right has not been set up during account creation, administrator may define the rights in this section.



Three types of user right:

No accessible to other users：Only the user himself can access to the folder.

Read-only to other users：The other users can only read the folder.

Read/Write to other users：The other users can read and write files to the folder.

3.2.7 Media

Click Enable to turn on UPnP server.

Administrator will define the proper folders to place media files for stream playback.

By default the folder is Public.

3.2.8 BitTorrent Management

Bit Torrent Global settings

Here, administrator can choose where to place BT seeds, speed of upload/download, when to switch to next job, and when to stop the access of seeds to other users.

Destination of Bit Torrent file

1. “Public” folder
2. Any other folder that has been created

Download/Upload Rate

0= no speed limit set; 1= system will define speed automatically

Switch to next uncompleted job

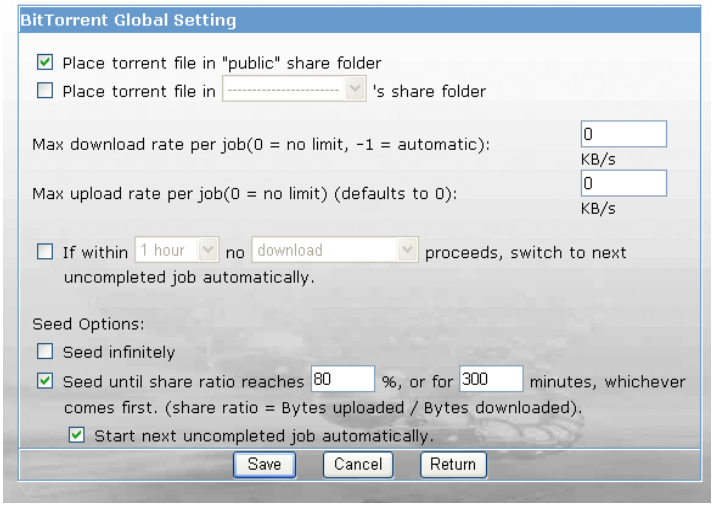
Define conditions according to which system will switch to next job

Seed Options

Seed infinitely – when BT seed is 100% downloaded, It will then be open for next user to download.

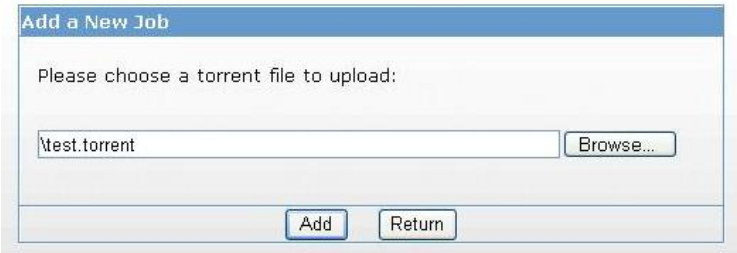
Seed Until share ratio… - BT seed is open for download and closed when

conditions are reached (ie: below when seed is downloaded or uploaded to 80% or 300 minutes, access to the seed is closed)

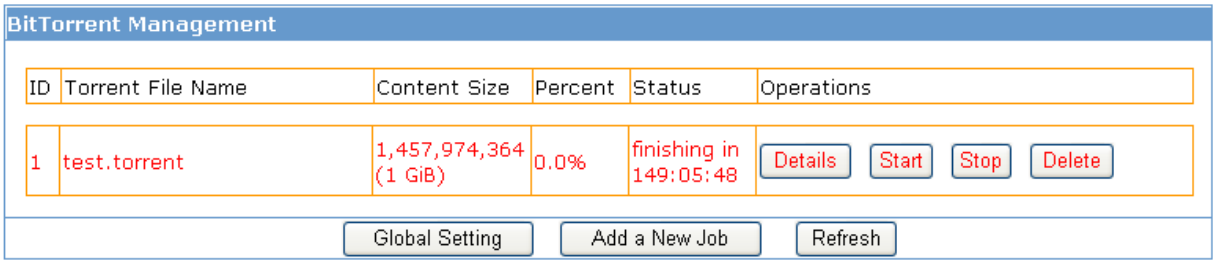

BitTorrent Global Setting
Place torrent file in "public" share folder
Place torrent file in
's share folder
Max download rate per job(0 = no limit, -1 = automatic):
0
KB/s
Max upload rate per job(0 = no limit) (defaults to 0):
0
KB/s
If within 1 hour no download proceeds, switch to next uncompleted job automatically.
Seed Options:
Seed infinitely
Seed until share ratio reaches 80 %, or for 300 minutes, whichever comes first. (share ratio = Bytes uploaded / Bytes downloaded).
Start next uncompleted job automatically.
Save
Cancel
Return

Add a new job

Download a BitTorrent seed (*.torrent) you want from the internet. And use this function to add the job.



After finishing uploading the right .torrent file, click on “Start” to start downloading.



There are four operations we can do：

Detail： Show the detail information of the job.

Start ： If you want to run the job, click this button.

Stop ： If you want to stop the job, click this button.

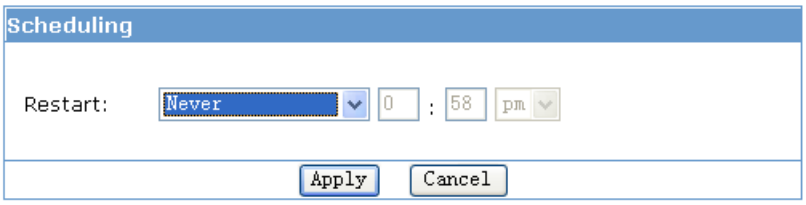
Delete：Stop and delete the job then you can add other jobs.

Note:5 new jobs can be added. But only 2 jobs are running at the same time.

3.2.9 Tools

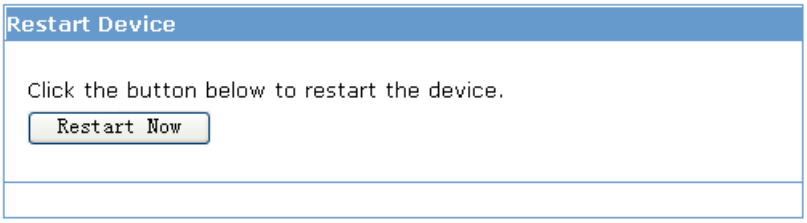
3.2.9.1 Scheduling

A schedule for the LANDisk to restart can be set in here.



3.2.9.2 Restart

Restart the LANDisk immediately.

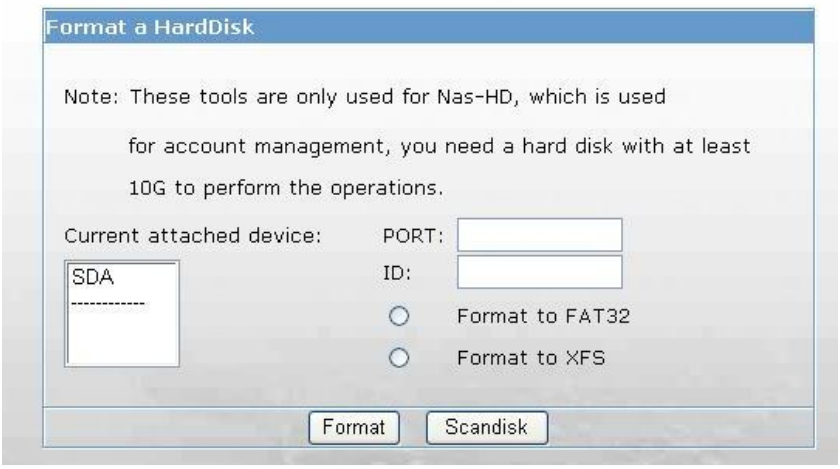


Note: to take effect of new setting and configuration, press restart after setup is complete.

3.2.9.3 Hard disk utility

Two functions can be found in this option.

1. **Format**：Format a hard disk into a LANDisk here. The minimum size of hard disk is **10GB**.
2. **Scandisk**：Can be use to repair the damaged files in the hard disk.



3.2.9.4 Firmware Upgrade

Whenever a new firmware released, we can upgrade the LANDisk firmware from here.

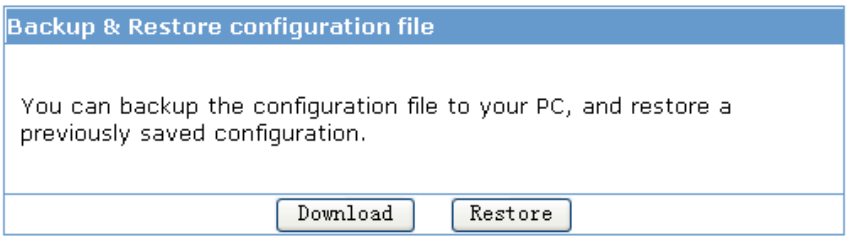
This will takes about 1~2 min for the upgrade to complete.

Note: Do not shut down the system or press any button during upgrade process

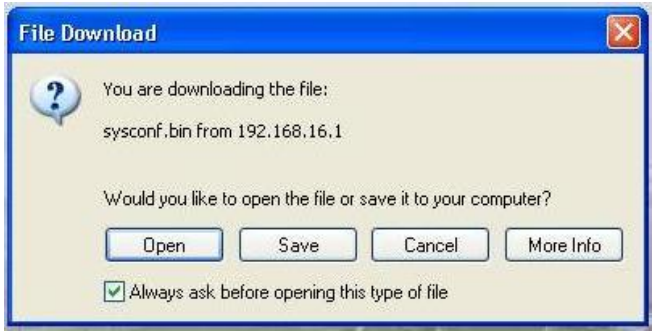
FW Upgrade
Note: Please do not power off the device while upgrading,
in this progress, some device functions will be disabled!
Current FW version: V01R02
Browse...
Start Upgrade

3.2.9.5 Save Config

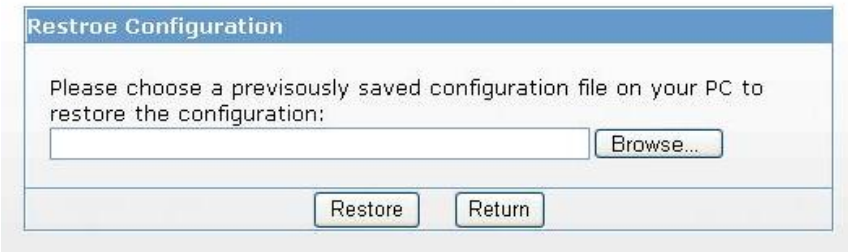
Here allows us to backup the setting we've set for future use. (Including the settings in LAN, System and Scheduling)


Backup & Restore configuration file
You can backup the configuration file to your PC, and restore a previously saved configuration.
Download
Restore

Download：Press save to store your configuration

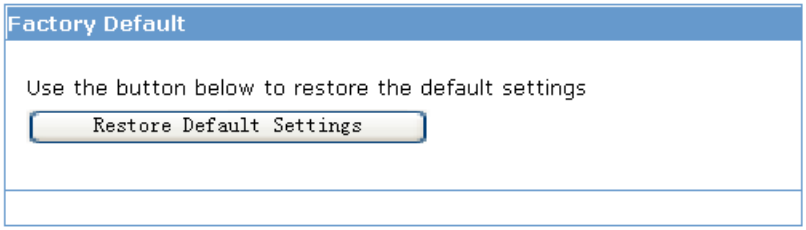

File Download
You are downloading the file:
sysconf.bin from 192.168.16.1
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info
Always ask before opening this type of file

Restore：This function allows to restore the previous setting by loading the configuration file saved before.



3.2.9.6 Factory Default

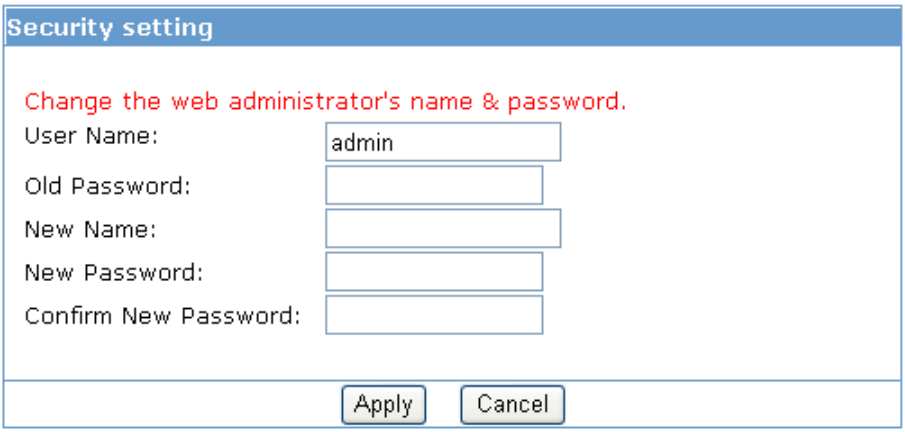
Only use this function whenever you want the device back to the Factory Default. LANDisk will reboot for the new setting to be effective.



Microsoft Internet Explorer
System will reboot to make new setting effective,
Are you sure to default all setting now?
OK
Cancel

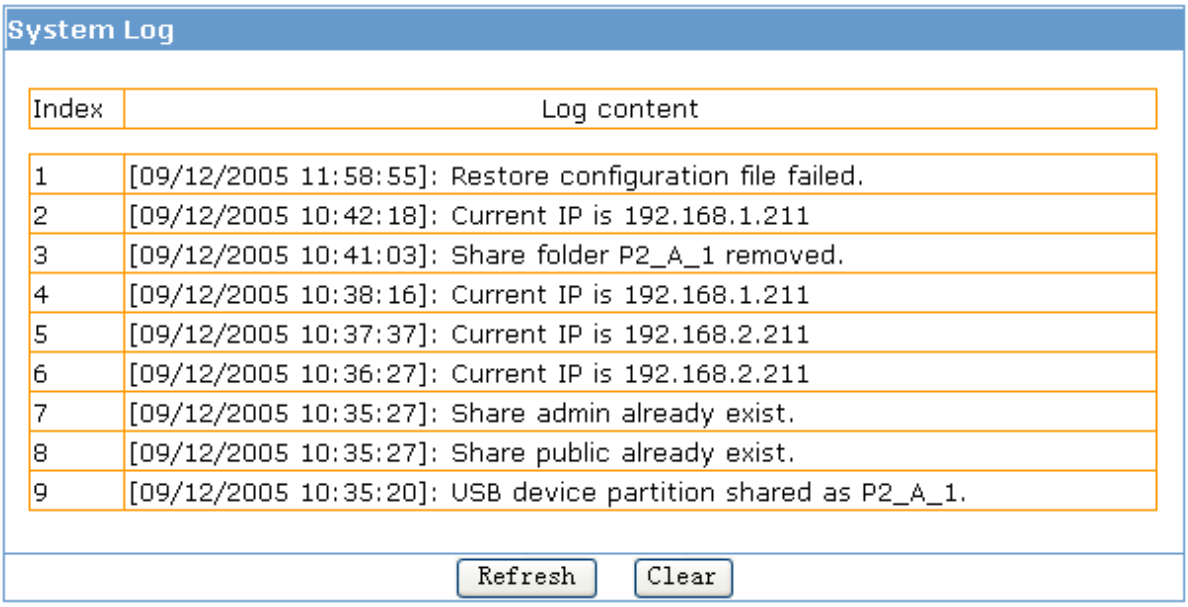
3.2.9.7 Login Settings

The username and password to login the LANDisk administrator's interface can be changed here.



3.2.9.8 System Log

We can view the log from here.


System Log
Index
Log content
1 [09/12/2005 11:58:55]: Restore configuration file failed.
2 [09/12/2005 10:42:18]: Current IP is 192.168.1.211
3 [09/12/2005 10:41:03]: Share folder P2_A_1 removed.
4 [09/12/2005 10:38:16]: Current IP is 192.168.1.211
5 [09/12/2005 10:37:37]: Current IP is 192.168.2.211
6 [09/12/2005 10:36:27]: Current IP is 192.168.2.211
7 [09/12/2005 10:35:27]: Share admin already exist.
8 [09/12/2005 10:35:27]: Share public already exist.
9 [09/12/2005 10:35:20]: USB device partition shared as P2_A_1.
Refresh
Clear

Q & A

Q. Why can I access to the administrator's interface, but can not configure the system?

A. Check if the HDD is installed and formatted to LANdisk via LAN port.

Q. I installed a new SATA HDD and directly connect the LAN port to router, but the system does not find it.

A. If your new HDD is not initialized, you need to connect to USB port and initialize the HDD under OS, then connect to LAN port again to do formatting

Q. Can I connect USB and LAN ports at the same time?

A. No, either USB or LAN at a time. If both USB and LAN ports are connected, the device is prioritized to external USB HDD.
If the device has been used as external USB HDD, before using as LANdisk again, turn off power, remove USB cable, connect the LAN cable, and power-on.

Q. After I make some configuration changes, I cannot access to SAMBA or FTP.

A. It is strongly recommended to restart the system when any change of configuration occurs

Q. After I format LANdisk via LAN, I connect to USB port but my Windows OS doesn't find the HDD.

A. For Windows OS, LANdisk has to be formatted to FAT32 to be recognized under USB connection. If your HDD format is XFS, reformat it via LAN.

Q. When do I know when firmware upgrade or system restart is complete? Before that, what should I do?

A. there is a status bar showing percentage of the progress. During the progress, do not operate LANdisk device or turn off the power; this may cause system damage.

Q. If my LANdisk is only connected to HUB, not router, how can it work?

A. in this case, there is no DHCP in LAN environment

1. **you must first acquire static IP from your ISP.**
2. **Change PC's IP to ex: 192.168.16.3(same range LANdisk default IP). Connect LANdisk to PC directly.**
3. **Use Nettool to detect LANdisk and change IP to the one provided by ISP**